

PTO/SB/08A (08-00)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 16

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Application Number	10/664,199
Filing Date	09/17/2003
First Named Inventor	Kolb, Eric
Group Art Unit	3732
Examiner Name	Robert, Eduardo C
Attorney Docket Number	DEP5157USNP

	7	Luca		U.S. PATENT DOCUMENTS	. ,	
Examiner Initials	Cite	U.S. Patent Docum	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
PPh		20010021851		Eberlein, Roland	09/13/2001	
		20010037112		Brace, Michael et al.	11/01/2001	
		20020022843		Michelson, Gary	2/21/2001	
		20020045897		Dixon, Robert	04/18/2002	
		20020045898		Freid, Jum	04/18/2002	
		20020055741		Schlapfer, Fridoline et al.	08/09/2002	
\Box		20020058939		Wagner, Erik J	05/16/2002	
		20020058940		Frigg, Robert et al.	05/16/2002	
		20020143336		Heam, James	10/03/2002	
		20020147450		LeHuel, Jean-Charles	10/10/2002	
		20020156474		Wack, Michael et al.	10/24/2002	
		20020183754		Michelson, Gary K	12/05/2002	

FOREIGN PATENT DOCUMENTS Date of Publication Pages, Columns, Lines, Foreign Patent Document of Cited Document Name of Patentee or where relevant passages or relevant Examine Cite mm-dd-yyyy Applicant of Cited Document figures appear Initials KindCode⁵ Office³ Number⁴ No.1 0064359 wo 02085226 wo 03063714 wo 9632071 wo 0897697 EP

	Examiner Signature Rodu	Phis -	Date Considered	11/2/05
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 16

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Application Number	10/664,199			
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Fol		20020183757		Michelson, Gary	12/05/2002	
		20020188296		Michelson, Gary	12/12/2002	
		20030023242		Harrington, James	01/30/2003	
		20030040749		Grabowski, John	02/27/2003	
		20030045880		Michelson, Gary	03/06/2003	
		20030060828		Michelson, Gary	03/27/2003	
		20030083658		Hawkes, David T	05/01/2003	
		20030135213		Lettuec, Jean-Charles	07/17/2003	
		20030181912		Michaelson, Gary K	09/25/2003	
		20030187440		Rochelsoph, Marc	10/02/0203	
		20030187442		Richelsoph, Marc et al	10/02/2003	
		20030208204		Bailey, Kirk et al	11/06/2003	

FOREIGN PATENT DOCUMENTS | Foreign Patent Document | Name of Patentee or Applicant of Cited Document | To Management | To Man

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U.S. PATENT DOCUMENTS						
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fB,		20040015169		Gause, Larry	01/22/2004	
		20040034352		Needham, Dusty et al.	02/19/2004	
		20040034354		Paul, Kamaljit	02/19/2004	
		20040087951		Khalili, Farid	05/06/2004	
		20040097935		Richelsoph, Marc et al.	05/20/2004	
		20040133205		Thramann, Jeffrey et al.	07/08/2004	
		2486303		Longfellow	10/1949	
		2494229		Collison	01/1950	
		2695688		Wollpert et al.	11/1954	
		3463148		Trence, Harry	08/26/1969	·
		3552389		Allgower et al.	01/05/1971	
		3596656		Kante	08/1971	

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document where relevant Name of Patentee or passages or relevant Examiner Cite mm-dd-yyyy Applicant of Cited Document figures appear KindCode5 Office³ Number⁴ No.1

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		U.S. Patent Doo	cument			
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apr.		3659595		Habaough	05/02/1972	
1		3695259		Youst	10/1972	
		3716050		Johnston	02/13/1973	
		3779240		Kondo	12/18/1973	
		3900025		Bames Jr	08/19/1975	
		4119092		Gil	10/10/1978	-
		4187841		Knutson	02/12/1980	
		4219015		Steinemann	08/26/1980	
		4224699		Weber	09/30/1980	
		4388921		Sutter et al.	06/21/1983	
		4408601		Wenk	10/11/1983	
1		4493317		Klau	1/15/1985	h

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document where relevant Name of Patentee or Cite Examiner passages or relevant mm-dd-vvvv Applicant of Cited Document Initials figures appear Office³ Number⁴ KindCode5 No.

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				U.S. PATENT DOCUMENTS		
Examiner Initials	Cite	U.S. Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
Man		4503848		Caspar et al.	03/12/1985	
		4513744		Klaue	04/30/1985	
		4524765		de Zbikowski	06/25/1985	
		4651724		Berentey et al.	03/24/1987	
		4838252		Klaue	06/13/1989	
		4936844		Chandler et al.	06/26/1990	
		5151103		Tepic et al.	09/29/1992	·
		5735853		Olerud	04/07/1998	
		5002544		Klaue et al.	03/26/1991	
		5006120		Carter	04/09/1991	
		5041113		Biedermann et al.	08/20/1991	·
		5041114		Chapman et al.	08/20/1991	

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document where relevant Name of Patentee or Examiner passages or relevant mm-dd-yyyy Applicant of Cited Document figures appear KindCode⁵ Office³ Number⁴ No.1

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Application Number	10/664,199			
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First Named Inventor	Kolb, Eric			
Group Art Unit	3732			
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Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Cotumns, Lines, where relevant passages or relevant figures appear
P.A.		5041133		Sayano	08/20/1991	
1		5053036		Perren et al.	10/01/1991	
		5129899		Small et al.	07/14/1992	
		5129903		Luhr et al.	07/14/1992	
		5147361		Ojima et al.	09/15/1992	
		5151103		Tepic et al.	09/29/1992	
		5234290		Collins	08/10/1993	
		5275601		Gogolewski et al.	01/04/1994	
		5324290		Zdeblick et al.	06/28/1994	
		5336224		Selman	08/09/1994	
		5364399		Lowery	11/15/1994	
		5415660		Campbell et al.	05/16/1995	

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document where relevant Name of Patentee or passages or relevant Examiner Cite mm-dd-yyyy Applicant of Cited Document figures appear Initials Office³ Number⁴ KindCode5 No.1

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Sheet 7 of 16

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Application Number	10/664,199			
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First Named Inventor	Kolb, Eric			
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Examiner Initials	Cite	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
PPm		5439463		Lin	08/08/1995	
		5501684		Schlapfer et al.	03/26/1996	
		5520690		Errico et al.	05/28/1996	
		5531746		Errico et al.	07/02/1996	
		5534027		Hodorek	07/09/1996	
		5549612		Yарр	08/27/1996	
		5578034		Estes	11/26/1996	
		5601553		Trebing	02/11/1997	
		5607426		Ralph et al.	03/04/1997	
		5607428		Lin	03/04/1997	
1		5616142		Yuan et al.	04/01/1997	
		5616144		Yарр	04/01/1997	
			FORE	IGN PATENT DOCUMENTS		<u> </u>

		Foreign	Patent Docu	ment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
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				U.S. PATENT DOCUMENTS		
Examiner Initials	Cite	l		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
Ph		5643265		Emico et al.	07/01/1997	
1		5651283		Runciman et al.	07/29/1997	
		5672177		Seldin	09/30/1997	
		5676666		Oxland et al.	10/14/1997	
		5713904		Errico et al.	02/03/1998	
		5735853		Olerud	04/07/1998	
		5749873		Fairley	05/12/1998	
		5807396		Raven	09/15/1998	
		5827286		Incavo et al.	10/27/1998	
		5865848		Baker	02/02/1999	
		5876402		Errico et al.	02/02/1999	
		5885286		Sherman et al	03/23/1999	

FOREIGN PATENT DOCUMENTS Date of Publication Pages, Columns, Lines, Foreign Patent Document of Cited Document where relevant Name of Patentee or passages or relevant Examiner Cite mm-dd-vvvv Applicant of Cited Document figures appear KindCode5 Office³ Number⁴ No.1

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				U.S. PATENT DOCUMENTS		
		U.S. Patent Document			Date of Publication	Pages, Columns, Linas,
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear
ffw.		5888204		Ralph et al.	03/30/1999	
		5904683		Pohndorf	05/18/1999	
		5931838		Vito	08/03/1999	
		5951558		Fiz	09/14/1999	
		5954722		Bono	09/21/1999	
\neg		5964762		Biedermann et al.	10/21/1999	
		5964763		Incavo et al.	10/12/1999	
		5967141		Heinonen	10/19/1999	
		5984926		Jones	11/16/1999	
		6206881		Frigg et al.	03/27/2001	
		6293949		Justis	09/25/2001	
1		6306136		Baccelli	10/23/2001	

FOREIGN PATENT DOCUMENTS Pages, Columns, Lines, Foreign Patent Document Date of Publication of Cited Document where relevant Name of Patentee or passages or relevant Examiner Cite Applicant of Cited Document figures appear Initials KindCode⁵ Office³ Number⁴

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ZPh		6306139		Fuentes	10/23/2001	
1		6322562 B1		Wolter	11/27/2001	
		6331179		Freid et al	12/18/2001	
		6454769		Wagner	09/24/2002	
		6575975		Brace et al.	6/10/2003	
		6592586		Michelson	07/15/2003	
		6602257		Thramann	08/05/2003	
		6656181		Dixon	12/02/2003	
		6679883		Hawkes	1/20/2004	
		6755833		Paul	06/29/2004	
	_	6006581		Holmes	12/28/1999	
		6017345		Richelsoph	01/25/2000	

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document Name of Patentee or Examiner Cite passages or relevant Applicant of Cited Document mm-dd-yyyy Office³ Number⁴ KindCode⁵ figures appear No.1

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Filing Date	09/17/2003
First Named Inventor	Kolb, Eric
Group Art Unit	3732
Examiner Name	Robert, Eduardo C
Attorney Docket Number	DEP5157USNP
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		U.S. Patent Doo	cument			
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
PPW		6030389		Wagner et al	02/29/2000	
1		6039740		Olerud	03/21/2000	·
		6063090		Schlapfer	05/16/2000	
		6066175		Henderson et al.	05/23/2000	
		6106527		Wu et al	08/22/2000	
		6117173		Taddia et al.	09/12/2000	
		6132432		Richelsoph	10/17/2000	
		6139550		Michelson .	10/30/2000	
		6152927		Ferris	11/28/2000	
		6159244		Suddaby	12/12/2000	
		6200348		Biedermann et al	3/13/2001	
		6206881		Frigg et al	03/27/2001	

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document where relevant Name of Patentee or passages or relevant Examiner Cite mm-dd-yyyy Applicant of Cited Document figures appear Office³ Number⁴ KindCode5 No.1

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Application Number	10/664,199			
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Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
ghi		6224602		Hayes	05/1/2000	
		6227124		Gaydos et al	05/08/2001	
		6228085		Theken et al	05/08/2001	•
		6235033		Brace et al	05/22/2001	
		6235034		Bray	05/22/2001	
		6241731		Fiz	06/05/2001	
		6258092		Dall	07/10/2001	
		6258098		Taylor	07/10/2001	
		6261291		Talaber	07/17/2001	
		6273889		Richelsoph	08/14/2001	
		6277124		Haag	08/21/2001	
		6306136		8acelli	10/23/2001	

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document where relevant Name of Patentee or Examiner Cite passages or relevant mm-dd-yyyy Applicant of Cited Document Office³ Number⁴ KindCode⁵ figures appear No.1

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				U.S. PATENT DOCUMENTS		Ť
		U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Pages, Columns, Lines,
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear
Mr.		6309393		Tepic et al	10/30/2001	
7		6328738		Suddaby	12/11/2001	
		6331179		Freid et al	12/18/2001	
		6342055		Eisermann et al	01/29/2002	
		6402756		Ralph et al	06/11/2002	
		6413259		Lyans	07/02/2002	
		6428542		Michelson	08/06/2002	
		6441602		Eckhardt et al	08/27/2002	
1		6454769		Wagner	09/24/2002	
1		6503250		Paul	01/07/2003	·
		6527776		Michelson	03/04/2003	
4		6533786		Needham	03/18/2003	

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Application Number	10/664,199
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First Named Inventor	Kolb, Eric
Group Art Unit	3732
Examiner Name	Robert, Eduardo C
Attorney Docket Number	DEP5157USNP

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Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
Poh		6545769		Collard et al	04/08/2003	
7		6565571		Jackowski et al	05/20/2003	
		6575975		Brace	06/10/2003	
		6585738		Mangini et al	07/1/2003	
		6592586		Michelson	07/15/2003	
		6595993		Donno	07/22/2003	
		6602255		Campbell et al	08/05/2003	
		6602257		Thramann	08/05/2003	
		6620163		Michelson	09/16/2003	
		6652525		Assaker	11/25/2003	
		6656181		Dixon	12/02/2003	
		6669700		Famis et al	12/30/2003	

FOREIGN PATENT DOCUMENTS Date of Publication Foreign Patent Document Pages, Columns, Lines, of Cited Document Name of Patentee or passages or relevant Examiner Cite mm-dd-yyyy Applicant of Cited Document figures appear KindCode5 Office³ Number⁴ No.1

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Sheet 15 of 16

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Examiner Name	Robert, Eduardo C
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				U.S. PATENT DOCUMENTS			
		U.S. Patent Document			Date of Publication	0 0-1 1	
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	No.1	Number	(if known)	of Cited Document	mm-dd-yyyy		
PIR		6679883		Hawkes et al	1/20/2004		
		6695846		Richelsoph	02/24/2004		
		RE28841		Allgower	06/08/1976		
		RE31628		Allgower	07/10/1984		
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FOREIGN PATENT DOCUMENTS							

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